|       |               |          |           |              |                  |            |  | H        | 09/821,784<br>Examiner |          |          |              |              |         |             |                     |          |         | KRIEGE ET AL. Art Unit |              |            |                 |          |           |              |         |              |              |   |
|-------|---------------|----------|-----------|--------------|------------------|------------|--|----------|------------------------|----------|----------|--------------|--------------|---------|-------------|---------------------|----------|---------|------------------------|--------------|------------|-----------------|----------|-----------|--------------|---------|--------------|--------------|---|
|       |               |          |           |              |                  |            |  |          |                        |          |          |              |              | Hun     | g V         | / N                 | go       |         |                        |              |            |                 | 2        | 831       |              |         |              |              |   |
|       |               | <b>√</b> | Re        | ject         | ed               |            | (Through nume                                    |          |                        |          |          | eral         | i) N         | N       | Non-Elected |                     |          |         | A                      | Appeal       |            |                 |          |           |              |         |              |              |   |
|       |               | =        | Allowed   |              |                  | ÷          | Restricted                                       |          |                        |          |          |              |              | ı       | 1           | Interference        |          |         |                        | 0            | Objected   |                 |          |           |              |         |              |              |   |
| Cla   | aim           |          | Date      |              |                  |            |  |          | · _                    | Clai     | aim      |              |              | Da      |             | -                   |          |         |                        | CI           | aim        | Ι               |          | Date      |              |         |              |              | _ |
| Final | Original      | 9/26/04  |           |              |                  |            |  | ŀ        |                        | Final    | Original |              |              |         |             |                     |          |         |                        | Final        | Original   |                 |          |           |              |         |              |              |   |
|       | 1             |          |           | +            | +                | $\perp$    | $\sqcup$   |          | _                      |          | 51       | +            | _            | +       |             | $\dashv$            | 4        | _       |                        |              | 101        | $\sqcup$        | -        | $\dashv$  | 4            | _       | _            |              | H |
|       | 2             |          | _         |              |                  | 丰          |  |          | <del> </del>           |          | 52       | #            |              |         |             | $\exists$           |          |         |                        |              | 102        |                 |          |           |              |         | ightharpoons |              | L |
|       | 3             | $\vdash$ | +         | +            | ++               | +          | Н  | 4        |                        |          | 53<br>54 |              | +            | +       |             | +                   | _        | +       | - 143                  | -            | 103<br>104 | +               |          | $\dashv$  | +            | +-      | ╁            | H            | H |
|       | 5             | 틷        | $\exists$ | $\perp$      |                  | 1          |  |          |                        |          | 55       | 士            | #            | $\Box$  |             | $\rightrightarrows$ |          |         |                        |              | 105        | $\Box$          |          | $\perp$   | #            |         |              |              | L |
| _     | <u>6</u><br>7 | H        | -         | +            | ++               | +          | H  | $\dashv$ | -                      |          | 56<br>57 | $\dashv$     | -            | +       | $\dashv$    | $\dashv$            | -        | +       | 4: .                   | <u> </u>     | 106<br>107 | $\vdash \mid$   | $\dashv$ | $\dashv$  | +            | -       | 1            | $\vdash$     | H |
|       | 8             | -        |           |              |                  | +          |  |          | E                      |          | 58       | =            |              | +       |             |                     | -        |         |                        |              | 108        |                 | 1        | $\exists$ | +            | +       | $\dagger$    | Н            | r |
|       | 9             | V        |           | _            |                  | $\perp$    | П  | $\Box$   |                        | _        | 59       | $\dashv$     | _            | $\perp$ | $\Box$      | _                   | _        | $\perp$ |                        |              | 109        |                 |          |           | $\bot$       |         |              |              | Ĺ |
|       | 10<br>11      | -        | +         |              | ++               | +          | $\vdash$   | $\dashv$ | -                      |          | 60<br>61 | $\dashv$     | +            | +       | $\dashv$    | $\dashv$            | $\dashv$ | +       | -                      | _            | 110        | ┼┤              |          | +         | +            | +       | -            | H            | H |
|       | 12            | 1        |           |              |                  |            |  |          |                        |          | 62       |              |              |         |             |                     |          |         |                        |              | 112        |                 |          | 1         | $\perp$      |         | L            |              | L |
|       |               | <b>V</b> | $\perp$   | $\perp$      | ++               | +          | $\vdash$   | 4        | -                      |          | 63<br>64 | 井            | +            | 4-1     | $\dashv$    | $\dashv$            | $\dashv$ | _       |                        |              | 113<br>114 | $\vdash \vdash$ | -        | -         | 4            | $\perp$ | <u> </u>     | $oxed{oxed}$ | F |
|       |               | 0        | +         | 十            | +-               | +          | H  | $\dashv$ | -                      |          | 65       | +            | +            | +       | $\dashv$    | $\dashv$            | -        | +       | 1                      |              | 115        | $\vdash$        | $\dashv$ | +         | +            | +       | -            | -            | H |
| _     | 16            | 0        |           | $\bot$       |                  |            | П  |          | L                      |          | 66       | 1            |              |         |             |                     |          |         |                        |              | 116        |                 | $\Box$   |           | _            |         |              |              | Г |
|       | 17<br>18      | 7        |           | +-           | ╁                | +          | $\vdash$   | $\dashv$ | $\vdash$               |          | 67<br>68 | ₩            | +            | +       | $\dashv$    | $\dashv$            | 4        | +       | -                      |              | 117<br>118 | $\vdash$        |          | 4         | +            | +-      | ļ            | H            | H |
| -     | 19            | V        | $\dashv$  | +            | ++               |            | $\Box$   | $\dashv$ |                        |          | 69       | $\parallel$  | +            | +       |             | $\dashv$            | $\dashv$ | +       |                        |              | 119        | $\vdash$        | $\dashv$ | $\dashv$  | +            | +       | 1            | H            | H |
|       | 20            | 11       | $\Box$    |              |                  | lacksquare | П  | 7        |                        |          | 70       |              | 1            |         |             | $\Box$              |          |         | ]                      |              | 120        |                 |          | $\Box$    | ightharpoons |         | L            |              | Г |
|       | 21<br>22      |          | $\dashv$  | +            | ++               |            | $\vdash$   | $\dashv$ | $\vdash$               |          | 71<br>72 | =            | +            | +       | -           | +                   | $\dashv$ | +       | - 4                    |              | 121<br>122 | ₩               | $\dashv$ | +         | +            |         | ├            |              | H |
|       | 23            |          |           |              |                  |            |  | ₫.       |                        |          | 73       | 訌            |              |         |             |                     |          |         |                        |              | 123        |                 |          | $\exists$ |              |         | $\vdash$     | $\Box$       | Γ |
|       | 24<br>25      | =        | _         | $\bot$       | <del>     </del> | 1          | Ш  | _        |                        |          | 74       |              | 4            |         |             | 4                   | _        | _       |                        |              | 124        |                 | $\Box$   | $\perp$   | $\perp$      |         | L            |              | F |
|       | 26            | Н        | _         | +            | ++               | +          | ╁╌╁  | ┪        | _                      |          | 75<br>76 |              | +            | +       | -           | $\dashv$            | $\dashv$ | +       | -                      |              | 125<br>126 | $\vdash$        | $\dashv$ | $\dashv$  | +            | +       | ╁            | Н            | H |
|       | 27            | Ш        | $\Box$    |              |                  |            |  | ╛        |                        |          | 77       |              |              |         |             |                     |          |         |                        |              | 127        |                 |          |           | 士            | İ       |              |              | Γ |
|       | 28<br>29      | <u>.</u> | -+        | -            | ╁┼               |            | <del>                                     </del> | 4        | <u> </u>               | +        | 78<br>79 | +            | +            | +       |             | $\dashv$            | -        | +       | 1                      |              | 128<br>129 | $\vdash$        | 4        | $\dashv$  | +            | -       | ╄            | Н            | L |
|       | 30            | Ī        | _†        | +            |                  | +          |  | ۲.       | -                      |          | 80       |              | +            | +       |             | $\dashv$            | $\dashv$ | +       | 1                      | <u> </u>     | 130        | $\vdash \vdash$ | $\dashv$ | +         | +            | +       | $\vdash$     | $\vdash$     | Г |
|       | 31            | =        | $\dashv$  | $\perp$      | $\Box$           | $\Box$     |  | $\Box$   | F                      |          | 81       | $\Box$       | Ŧ            | $\Box$  | $\Box$      | $\Box$              | 耳        | #       | ] .                    |              | 131        | П               |          | $\Box$    | $\downarrow$ | $\bot$  |              |              |   |
|       | 32<br>33      | Н        | $\dashv$  | +            | $\vdash$         | +          | $\vdash$   | $\dashv$ | $\vdash$               |          | 82<br>83 | +            | +            | +       | $\dashv$    | $\dashv$            |          | -       | -                      | <u> </u>     | 132<br>133 | ╁┤              | $\dashv$ | +         | +            | +       | -            | $\vdash$     |   |
|       | 34            |          |           | 士            |                  | 士          |  |          |                        |          | 84       |              | $\pm$        |         |             |                     | ╛        | 士       |                        |              | 134        |                 | _        | 寸         | _            | $\pm$   | t            | Н            |   |
|       | 35            | H        | 1         | $\perp$      | $\prod$          | 4          | $\Box$   | 7        |                        |          | 85<br>86 | $\bot$       | T            |         | $\Box$      | $\dashv$            | $\Box$   | $\bot$  |                        |              | 135        | П               | $\Box$   | $\bot$    | $\perp$      | $\top$  | E            |              | Ē |
| -+    | 36<br>37      | Н        | +         | $\dashv$     | ++               | +          | $\vdash$   | $\dashv$ | -                      |          | 86<br>87 | +            | +            | +       | $\dashv$    | +                   | $\dashv$ | +       |                        | <u> </u>     | 136<br>137 | $\vdash \vdash$ | $\dashv$ | $\dashv$  | +            | +       | -            | Н            | F |
|       | 38            |          |           |              |                  | 工          |  |          |                        |          | 88       |              |              |         |             |                     |          |         | 1                      |              | 138        |                 |          | 1         |              |         | $\vdash$     |              | Γ |
| _]    | 39<br>40      | П        | 1         | $\perp$      | $\prod$          | 4          | $\Box$   | _}       | F                      |          | 89       | $\perp$      | $\bot$       | $\Box$  | $\dashv$    | -[                  | $\dashv$ | $\bot$  |                        |              | 139        | $\Box$          | $\Box$   | $\dashv$  | Ţ            | $\perp$ |              | П            | _ |
|       | 41            | H        | +         | +            | ++               | +-         | ╁┼   | $\dashv$ | -                      |          | 90<br>91 | +            | +-           | +       |             | +                   |          | +       |                        |              | 140<br>141 | $\vdash$        | $\dashv$ | $\dashv$  | +            | +       | $\vdash$     | Н            | - |
|       | 42            |          | $\Box$    |              |                  | 上          |  |          |                        |          | 92       | ightharpoons | $\downarrow$ |         |             | 士                   |          |         | 1                      |              | 142        | Ш               |          |           | $\perp$      |         |              |              |   |
|       | 43<br>44      | Н        | +         | -            | ++               | +-         | $\vdash \downarrow$                              | $\dashv$ | •                      |          | 93<br>94 | _            | +            | +       |             | 4                   | 4        | -       | 1.5                    | <u> </u>     | 143        | $\vdash \vdash$ | [        | $\perp$   | $\bot$       | - -     |              |              | _ |
| -     | 45            | H        | +         | +            | ++               | +          | <del>   </del>                                   | $\dashv$ | $\vdash$               | $\dashv$ | 94<br>95 | +            | +            | +       |             | $\dashv$            | $\dashv$ | +       |                        | <del> </del> | 144<br>145 | $\vdash \vdash$ | $\dashv$ | +         | +            | +       | +            | Н            | _ |
|       | 46            |          |           | $\downarrow$ |                  | $\bot$     |  | $\Box$   |                        |          | 96       | ightharpoons | #            |         |             | 耳                   |          | 1       |                        |              | 146        | Ш               |          | $\perp$   | ╧            | 工       |              |              | _ |
|       | 47<br>48      | H        | +         | +-           | ┼-┼-             | +          | $\vdash \vdash$                                  | 4        | $\vdash$               |          | 97<br>98 | +            | +            |         | $\dashv$    | +                   |          | +       | 4.4                    |              | 147<br>148 | $\vdash \vdash$ | _        | +         | $\dashv$     | +       | $\vdash$     | Н            | _ |
|       | 49            | H        | $\dashv$  | +            | +-               | +          | $\vdash \vdash$                                  | $\dashv$ | $\vdash$               |          | 99       | +            | +            | +       | $\dashv$    | $\dashv$            | $\dashv$ | +       | 1                      |              | 149        | $\vdash$        | -+       | +         | +            | ╁       | $\vdash$     | Н            | _ |
|       | 50            |          |           | 1            |                  | $\top$     | $\Box$   | 7        |                        |          | 00       | $\dashv$     | T            | $\top$  | _           | 寸                   | 7        | $\top$  | Tri i                  |              | 150        |                 | _        | $\dashv$  | +            | +       | 1            | H            | _ |

Application No.

Index of Claims

Applicant(s)